



1KVA 19" Rack Pure Sine Wave Inverter Compact 1U High Design

Schaefer's AEP-1000R Series of ultra compact, 1U rackmount inverters provide 1KVA of pure sine wave AC power from a DC source.

Unlike modified or quasi-sine wave inverters, a pure sine wave offers "clean" power, ideal for powering sensitive or highly inductive/highly capacitive loads and for improving AC equipment performance. Class B EMI compliance allows for use with minimum interference to other sensitive equipment.

The AEP-1000R Series features an integrated utility bypass and is built to provide the dependable AC power that your systems demand.

Applications:

Compact and ultralight, the AEP-1000R Series is suited for worldwide industrial and office use. The rugged 1U rackmount design and wide -20°C to +60°C operating temperature is ideal for even the most extreme mobile, military or marine environments.

Safety and EMC:

Safety Approvals:

UL60950-1 Listed (File #E329635), CE Mark: EN60950-(LVD)

EMC:

- FCC Class B
- EN55022:1998/A1:2000/A2:2003(Class B)
- EN55024:1998/A1:2001/A2:2003
- EN61000-3-2:2000/A2:2005
- EN61000-3-3:1995/A1:2001
- IEC61000-4-2:1995/A1:1998/A2-2000
- IEC61000-4-3:2002/A1:2002
- IEC61000-4-4:2004
- IEC61000-4-5:1995/A1:2000
- IEC61000-4-6:1996/A1:2001
- IEC61000-4-8:1993/A1:2000
- IEC61000-4-11:2004



Features:

- Compact 1U, 19" rackmount design
- 12, 24 or 48VDC input
- Pure sine wave output
- Wide -20°C to +60°C operating temperature
- Low cost
- High reliability and high efficiency
- Digital display shows:
 - Output Voltage
 - Output Current
 - Output Power
 - Input Voltage
 - Frequency
 - Temperature
 - Alarms
- RS232C interface with selectable baud rate
- Temperature controlled cooling fan
- Advanced microprocessor design
- Protection features:
 - Overload
 - Input Low Voltage
 - Short Circuit
 - Low battery alarm
 - Input OVP
 - Over Temperature
- Simple installation and maintenance
- 100% burn-in test, 2 year warranty
- UL 60950 Listed (110VAC Units)
- FCC Class B EMI
- CE Marked (LVD)



